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(Original Signature of Member)

116TH CONGRESS  
1ST SESSION

**H. R.**

To reauthorize the Partners for Fish and Wildlife Program and certain wildlife conservation funds, to establish prize competitions relating to the prevention of wildlife poaching and trafficking, wildlife conservation, the management of invasive species, and the protection of endangered species, to amend the Marine Turtle Conservation Act of 2004 to modify the protections provided by that Act, and for other purposes.

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IN THE HOUSE OF REPRESENTATIVES

Mr. LOWENTHAL introduced the following bill; which was referred to the Committee on \_\_\_\_\_

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**A BILL**

To reauthorize the Partners for Fish and Wildlife Program and certain wildlife conservation funds, to establish prize competitions relating to the prevention of wildlife poaching and trafficking, wildlife conservation, the management of invasive species, and the protection of endangered species, to amend the Marine Turtle Conservation Act of 2004 to modify the protections provided by that Act, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Wildlife Innovation  
3 and Longevity Driver Act” or the “WILD Act”.

4 **SEC. 2. WILDLIFE HABITAT AND CONSERVATION.**

5 (a) PARTNERS FOR FISH AND WILDLIFE PROGRAM  
6 REAUTHORIZATION.—Section 5 of the Partners for Fish  
7 and Wildlife Act (16 U.S.C. 3774) is amended by striking  
8 “2006 through 2011” and inserting “2019 through  
9 2023”.

10 (b) FISH AND WILDLIFE COORDINATION.—

11 (1) PURPOSE.—The purpose of this subsection  
12 is to protect water, oceans, coasts, and wildlife from  
13 invasive species.

14 (2) AMENDMENTS TO FISH AND WILDLIFE CO-  
15 ORDINATION ACT.—

16 (A) SHORT TITLE; AUTHORIZATION.—The  
17 first section of the Fish and Wildlife Coordina-  
18 tion Act (16 U.S.C. 661) is amended by strik-  
19 ing “For the purpose” and inserting the fol-  
20 lowing:

21 **“SEC. 1. SHORT TITLE; AUTHORIZATION.**

22 “(a) SHORT TITLE.—This Act may be cited as the  
23 ‘Fish and Wildlife Coordination Act’.

24 “(b) AUTHORIZATION.—For the purpose”.

25 (B) PROTECTION OF WATER, OCEANS,  
26 COASTS, AND WILDLIFE FROM INVASIVE SPE-

1 CIES.—The Fish and Wildlife Coordination Act  
2 (16 U.S.C. 661 et seq.) is amended by adding  
3 at the end the following:

4 **“SEC. 10. PROTECTION OF WATER, OCEANS, COASTS, AND**  
5 **WILDLIFE FROM INVASIVE SPECIES.**

6 “(a) DEFINITIONS.—In this section:

7 “(1) CONTROL.—The term ‘control’, with re-  
8 spect to an invasive species, means the eradication,  
9 suppression, or reduction of the population of the  
10 invasive species within the area in which the invasive  
11 species is present.

12 “(2) ECOSYSTEM.—The term ‘ecosystem’  
13 means the complex of a community of organisms  
14 and the environment of the organisms.

15 “(3) ELIGIBLE STATE.—The term ‘eligible  
16 State’ means any of—

17 “(A) a State;

18 “(B) the District of Columbia;

19 “(C) the Commonwealth of Puerto Rico;

20 “(D) Guam;

21 “(E) American Samoa;

22 “(F) the Commonwealth of the Northern  
23 Mariana Islands; and

24 “(G) the United States Virgin Islands.

25 “(4) INVASIVE SPECIES.—

1           “(A) IN GENERAL.—The term ‘invasive  
2 species’ means an alien species, the introduction  
3 of which causes, or is likely to cause, economic  
4 or environmental harm or harm to human  
5 health.

6           “(B) ASSOCIATED DEFINITION.—For pur-  
7 poses of subparagraph (A), the term ‘alien spe-  
8 cies’, with respect to a particular ecosystem,  
9 means any species (including the seeds, eggs,  
10 spores, or other biological material of the spe-  
11 cies that are capable of propagating the species)  
12 that is not native to the affected ecosystem.

13           “(5) MANAGE; MANAGEMENT.—The terms  
14 ‘manage’ and ‘management’, with respect to an  
15 invasive species, mean the active implementation of  
16 any activity—

17           “(A) to reduce or stop the spread of the  
18 invasive species; and

19           “(B) to inhibit further infestations of the  
20 invasive species, the spread of the invasive spe-  
21 cies, or harm caused by the invasive species, in-  
22 cluding investigations regarding methods for  
23 early detection and rapid response, prevention,  
24 control, or management of the invasive species.

1           “(6) PREVENT.—The term ‘prevent’, with re-  
2           spect to an invasive species, means—

3                   “(A) to hinder the introduction of the  
4           invasive species onto land or water; or

5                   “(B) to impede the spread of the invasive  
6           species within land or water by inspecting,  
7           intercepting, or confiscating invasive species  
8           threats prior to the establishment of the  
9           invasive species onto land or water of an eligible  
10          State.

11          “(7) SECRETARY CONCERNED.—The term ‘Sec-  
12          retary concerned’ means—

13                   “(A) the Secretary of the Army, with re-  
14          spect to Federal land administered by the  
15          Corps of Engineers;

16                   “(B) the Secretary of the Interior, with re-  
17          spect to Federal land administered by the Sec-  
18          retary of the Interior through—

19                           “(i) the United States Fish and Wild-  
20          life Service;

21                           “(ii) the Bureau of Indian Affairs;

22                           “(iii) the Bureau of Land Manage-  
23          ment;

24                           “(iv) the Bureau of Reclamation; or

25                           “(v) the National Park Service;

1           “(C) the Secretary of Agriculture, with re-  
2           spect to Federal land administered by the Sec-  
3           retary of Agriculture through the Forest Serv-  
4           ice; and

5           “(D) the head or a representative of any  
6           other Federal agency the duties of whom re-  
7           quire planning relating to, and the treatment  
8           of, invasive species for the purpose of protecting  
9           water and wildlife on land and coasts and in  
10          oceans and water.

11          “(8) SPECIES.—The term ‘species’ means a  
12          group of organisms, all of which—

13                 “(A) have a high degree of genetic simi-  
14                 larity;

15                 “(B) are morphologically distinct;

16                 “(C) generally—

17                         “(i) interbreed at maturity only  
18                         among themselves; and

19                         “(ii) produce fertile offspring; and

20                 “(D) show persistent differences from  
21                 members of allied groups of organisms.

22          “(b) CONTROL AND MANAGEMENT.—Each Secretary  
23          concerned shall plan and carry out activities on land di-  
24          rectly managed by the Secretary concerned to protect

1 water and wildlife by controlling and managing invasive  
2 species—

3 “(1) to inhibit or reduce the populations of  
4 invasive species; and

5 “(2) to effectuate restoration or reclamation ef-  
6 forts.

7 “(c) STRATEGIC PLAN.—

8 “(1) IN GENERAL.—Each Secretary concerned  
9 shall develop a strategic plan for the implementation  
10 of the invasive species program to achieve, to the  
11 maximum extent practicable, a substantive annual  
12 net reduction of invasive species populations or in-  
13 fested acreage on land or water managed by the Sec-  
14 retary concerned.

15 “(2) COORDINATION.—Each strategic plan  
16 under paragraph (1) shall be developed—

17 “(A) in coordination with affected—

18 “(i) eligible States; and

19 “(ii) political subdivisions of eligible  
20 States;

21 “(B) in consultation with federally recog-  
22 nized Indian tribes; and

23 “(C) in accordance with the priorities es-  
24 tablished by 1 or more Governors of the eligible

1 States in which an ecosystem affected by an  
2 invasive species is located.

3 “(3) FACTORS FOR CONSIDERATION.—In devel-  
4 oping a strategic plan under this subsection, the  
5 Secretary concerned shall take into consideration the  
6 economic and ecological costs of action or inaction,  
7 as applicable.

8 “(d) COST-EFFECTIVE METHODS.—In selecting a  
9 method to be used to control or manage an invasive species  
10 as part of a specific control or management project con-  
11 ducted as part of a strategic plan developed under sub-  
12 section (c), the Secretary concerned shall prioritize the use  
13 of methods that—

14 “(1) effectively control and manage invasive  
15 species, as determined by the Secretary concerned,  
16 based on sound scientific data;

17 “(2) minimize environmental impacts; and

18 “(3) control and manage invasive species in the  
19 most cost-effective manner.

20 “(e) COMPARATIVE ECONOMIC ASSESSMENT.—To  
21 achieve compliance with subsection (d), the Secretary con-  
22 cerned shall require a comparative economic assessment  
23 of invasive species control and management methods to  
24 be conducted.

25 “(f) EXPEDITED ACTION.—

1           “(1) IN GENERAL.—The Secretaries concerned  
2 shall use all tools and flexibilities available (as of the  
3 date of enactment of this section) to expedite the  
4 projects and activities described in paragraph (2).

5           “(2) DESCRIPTION OF PROJECTS AND ACTIVI-  
6 TIES.—A project or activity referred to in paragraph  
7 (1) is a project or activity—

8           “(A) to protect water or wildlife from an  
9 invasive species that, as determined by the Sec-  
10 retary concerned is, or will be, carried out on  
11 land or water that is—

12           “(i) directly managed by the Secretary  
13 concerned; and

14           “(ii) located in an area that is—

15           “(I) at high risk for the introduc-  
16 tion, establishment, or spread of  
17 invasive species; and

18           “(II) determined by the Sec-  
19 retary concerned to require immediate  
20 action to address the risk identified in  
21 subclause (I); and

22           “(B) carried out in accordance with appli-  
23 cable agency procedures, including any applica-  
24 ble—

1                   “(i) land or resource management  
2                   plan; or

3                   “(ii) land use plan.

4           “(g) ALLOCATION OF FUNDING.—Of the amount ap-  
5           propriated or otherwise made available to each Secretary  
6           concerned for a fiscal year for programs that address or  
7           include protection of land or water from an invasive spe-  
8           cies, the Secretary concerned shall use not less than 75  
9           percent for on-the-ground control and management of  
10          invasive species, which may include—

11               “(1) the purchase of necessary products, equip-  
12               ment, or services to conduct that control and man-  
13               agement;

14               “(2) the use of integrated pest management op-  
15               tions, including options that use pesticides author-  
16               ized for sale, distribution, or use under the Federal  
17               Insecticide, Fungicide, and Rodenticide Act (7  
18               U.S.C. 136 et seq.);

19               “(3) the use of biological control agents that  
20               are proven to be effective to reduce invasive species  
21               populations;

22               “(4) the use of revegetation or cultural restora-  
23               tion methods designed to improve the diversity and  
24               richness of ecosystems;

1           “(5) the use of monitoring and detection activi-  
2           ties for invasive species, including equipment, detec-  
3           tion dogs, and mechanical devices;

4           “(6) the use of appropriate methods to remove  
5           invasive species from a vehicle or vessel capable of  
6           conveyance; or

7           “(7) the use of other effective mechanical or  
8           manual control methods.

9           “(h) INVESTIGATIONS, OUTREACH, AND PUBLIC  
10          AWARENESS.—Of the amount appropriated or otherwise  
11          made available to each Secretary concerned for a fiscal  
12          year for programs that address or include protection of  
13          land or water from an invasive species, the Secretary con-  
14          cerned may use not more than 15 percent for investiga-  
15          tions, development activities, and outreach and public  
16          awareness efforts to address invasive species control and  
17          management needs.

18          “(i) ADMINISTRATIVE COSTS.—Of the amount appro-  
19          priated or otherwise made available to each Secretary con-  
20          cerned for a fiscal year for programs that address or in-  
21          clude protection of land or water from an invasive species,  
22          not more than 10 percent may be used for administrative  
23          costs incurred to carry out those programs, including costs  
24          relating to oversight and management of the programs,

1 recordkeeping, and implementation of the strategic plan  
2 developed under subsection (c).

3 “(j) REPORTING REQUIREMENTS.—Not later than 60  
4 days after the end of the second fiscal year beginning after  
5 the date of enactment of this section, each Secretary con-  
6 cerned shall submit to Congress a report—

7 “(1) describing the use by the Secretary con-  
8 cerned during the 2 preceding fiscal years of funds  
9 for programs that address or include invasive species  
10 management; and

11 “(2) specifying the percentage of funds ex-  
12 pended for each of the purposes specified in sub-  
13 sections (g), (h), and (i).

14 “(k) RELATION TO OTHER AUTHORITY.—

15 “(1) OTHER INVASIVE SPECIES CONTROL, PRE-  
16 VENTION, AND MANAGEMENT AUTHORITIES.—Noth-  
17 ing in this section precludes the Secretary concerned  
18 from pursuing or supporting, pursuant to any other  
19 provision of law, any activity regarding the control,  
20 prevention, or management of an invasive species,  
21 including investigations to improve the control, pre-  
22 vention, or management of the invasive species.

23 “(2) PUBLIC WATER SUPPLY SYSTEMS.—Noth-  
24 ing in this section authorizes the Secretary con-  
25 cerned to suspend any water delivery or diversion, or

1 otherwise to prevent the operation of a public water  
2 supply system, as a measure to control, manage, or  
3 prevent the introduction or spread of an invasive  
4 species.

5 “(l) USE OF PARTNERSHIPS.—Subject to the sub-  
6 sections (m) and (n), the Secretary concerned may enter  
7 into any contract or cooperative agreement with another  
8 Federal agency, an eligible State, a federally recognized  
9 Indian tribe, a political subdivision of an eligible State,  
10 or a private individual or entity to assist with the control  
11 and management of an invasive species.

12 “(m) MEMORANDUM OF UNDERSTANDING.—

13 “(1) IN GENERAL.—As a condition of a con-  
14 tract or cooperative agreement under subsection (l),  
15 the Secretary concerned and the applicable Federal  
16 agency, eligible State, political subdivision of an eli-  
17 gible State, or private individual or entity shall enter  
18 into a memorandum of understanding that de-  
19 scribes—

20 “(A) the nature of the partnership between  
21 the parties to the memorandum of under-  
22 standing; and

23 “(B) the control and management activi-  
24 ties to be conducted under the contract or coop-  
25 erative agreement.

1           “(2) CONTENTS.—A memorandum of under-  
2 standing under this subsection shall contain, at a  
3 minimum, the following:

4           “(A) A prioritized listing of each invasive  
5 species to be controlled or managed.

6           “(B) An assessment of the total acres of  
7 land or area of water infested by the invasive  
8 species.

9           “(C) An estimate of the expected total  
10 acres of land or area of water infested by the  
11 invasive species after control and management  
12 of the invasive species is attempted.

13           “(D) A description of each specific, inte-  
14 grated pest management option to be used, in-  
15 cluding a comparative economic assessment to  
16 determine the least-costly method.

17           “(E) Any map, boundary, or Global Posi-  
18 tioning System coordinates needed to clearly  
19 identify the area in which each control or man-  
20 agement activity is proposed to be conducted.

21           “(F) A written assurance that each part-  
22 ner will comply with section 15 of the Federal  
23 Noxious Weed Act of 1974 (7 U.S.C. 2814).

24           “(3) COORDINATION.—If a partner to a con-  
25 tract or cooperative agreement under subsection (1)

1 is an eligible State, political subdivision of an eligible  
2 State, or private individual or entity, the memo-  
3 randum of understanding under this subsection shall  
4 include a description of—

5 “(A) the means by which each applicable  
6 control or management effort will be coordi-  
7 nated; and

8 “(B) the expected outcomes of managing  
9 and controlling the invasive species.

10 “(4) PUBLIC OUTREACH AND AWARENESS EF-  
11 FORTS.—If a contract or cooperative agreement  
12 under subsection (1) involves any outreach or public  
13 awareness effort, the memorandum of understanding  
14 under this subsection shall include a list of goals and  
15 objectives for each outreach or public awareness ef-  
16 fort that have been determined to be efficient to in-  
17 form national, regional, State, Tribal, or local audi-  
18 ences regarding invasive species control and manage-  
19 ment.

20 “(n) INVESTIGATIONS.—The purpose of any invasive  
21 species-related investigation carried out under a contract  
22 or cooperative agreement under subsection (1) shall be—

23 “(1) to develop solutions and specific rec-  
24 ommendations for control and management of  
25 invasive species; and

1           “(2) specifically to provide faster implementa-  
2           tion of control and management methods.

3           “(o) COORDINATION WITH AFFECTED LOCAL GOV-  
4           ERNMENTS.—Each project and activity carried out pursu-  
5           ant to this section shall be coordinated with affected local  
6           governments in a manner that is consistent with section  
7           202(c)(9) of the Federal Land Policy and Management  
8           Act of 1976 (43 U.S.C. 1712(c)(9)).”.

9           (c) WILDLIFE CONSERVATION.—

10           (1) REAUTHORIZATIONS.—

11           (A) REAUTHORIZATION OF AFRICAN ELE-  
12           PHANT CONSERVATION ACT.—Section 2306(a)  
13           of the African Elephant Conservation Act (16  
14           U.S.C. 4245(a)) is amended by striking “2007  
15           through 2012” and inserting “2019 through  
16           2023”.

17           (B) REAUTHORIZATION OF ASIAN ELE-  
18           PHANT CONSERVATION ACT OF 1997.—Section  
19           8(a) of the Asian Elephant Conservation Act of  
20           1997 (16 U.S.C. 4266(a)) is amended by strik-  
21           ing “2007 through 2012” and inserting “2019  
22           through 2023”.

23           (C) REAUTHORIZATION OF RHINOCEROS  
24           AND TIGER CONSERVATION ACT OF 1994.—Sec-  
25           tion 10(a) of the Rhinoceros and Tiger Con-

1            servation Act of 1994 (16 U.S.C. 5306(a)) is  
2            amended by striking “2007 through 2012” and  
3            inserting “2019 through 2023”.

4            (2) AMENDMENTS TO GREAT APE CONSERVA-  
5            TION ACT OF 2000.—

6            (A) PANEL.—Section 4(i) of the Great Ape  
7            Conservation Act of 2000 (16 U.S.C. 6303(i))  
8            is amended—

9                    (i) by striking paragraph (1) and in-  
10                    sserting the following:

11                    “(1) CONVENTION.—Not later than 1 year after  
12                    the date of enactment of the Wildlife Innovation and  
13                    Longevity Driver Act, and every 5 years thereafter,  
14                    the Secretary may convene a panel of experts on  
15                    great apes to identify the greatest needs and prior-  
16                    ities for the conservation of great apes.”;

17                    (ii) by redesignating paragraph (2) as  
18                    paragraph (5); and

19                    (iii) by inserting after paragraph (1)  
20                    the following:

21                    “(2) COMPOSITION.—The Secretary shall en-  
22                    sure that the panel referred to in paragraph (1) in-  
23                    cludes, to the maximum extent practicable, 1 or  
24                    more representatives—

1           “(A) from each country that comprises the  
2           natural range of great apes; and

3           “(B) with expertise in great ape conserva-  
4           tion.

5           “(3) CONSERVATION PLANS.—In identifying the  
6           conservation needs and priorities under paragraph  
7           (1), the panel referred to in that paragraph shall  
8           consider any relevant great ape conservation plan or  
9           strategy, including scientific research and findings  
10          relating to—

11           “(A) the conservation needs and priorities  
12          of great apes;

13           “(B) any regional or species-specific action  
14          plan or strategy;

15           “(C) any applicable strategy developed or  
16          initiated by the Secretary; and

17           “(D) any other applicable conservation  
18          plan or strategy.

19          “(4) FUNDS.—Subject to the availability of ap-  
20          propriations, the Secretary may use amounts avail-  
21          able to the Secretary to pay for the costs of con-  
22          vening and facilitating any meeting of the panel re-  
23          ferred to in paragraph (1).”.

24           (B) MULTIYEAR GRANTS.—Section 4 of  
25          the Great Ape Conservation Act of 2000 (16

1 U.S.C. 6303) is amended by adding at the end  
2 the following:

3 “(j) MULTIYEAR GRANTS.—

4 “(1) AUTHORIZATION.—The Secretary may  
5 award to a person who is otherwise eligible for a  
6 grant under this section a multiyear grant to carry  
7 out a project that the person demonstrates is an ef-  
8 fective, long-term conservation strategy for great  
9 apes and the habitat of great apes.

10 “(2) EFFECT OF SUBSECTION.—Nothing in this  
11 subsection precludes the Secretary from awarding a  
12 grant on an annual basis.”.

13 (C) ADMINISTRATIVE EXPENSES.—Section  
14 5(b)(2) of the Great Ape Conservation Act of  
15 2000 (16 U.S.C. 6304(b)(2)) is amended by  
16 striking “\$100,000” and inserting “\$150,000”.

17 (D) AUTHORIZATION OF APPROPRIA-  
18 TIONS.—Section 6 of the Great Ape Conserva-  
19 tion Act of 2000 (16 U.S.C. 6305) is amended  
20 by striking “2006 through 2010” and inserting  
21 “2019 through 2023”.

22 (3) AMENDMENTS TO MARINE TURTLE CON-  
23 SERVATION ACT OF 2004.—

24 (A) PURPOSE.—Section 2 of the Marine  
25 Turtle Conservation Act of 2004 (16 U.S.C.

1           6601) is amended by striking subsection (b)  
2           and inserting the following:

3           “(b) PURPOSE.—The purpose of this Act is to assist  
4 in the conservation of marine turtles, freshwater turtles,  
5 and tortoises and the habitats of marine turtles, fresh-  
6 water turtles, and tortoises in foreign countries and terri-  
7 tories of the United States by supporting and providing  
8 financial resources for projects—

9           “(1) to conserve marine turtle, freshwater tur-  
10          tle, and tortoise habitats under the jurisdiction of  
11          United States Fish and Wildlife Service programs;

12          “(2) to conserve marine turtles, freshwater tur-  
13          tles, and tortoises in those habitats; and

14          “(3) to address other threats to the survival of  
15          marine turtles, freshwater turtles, and tortoises, in-  
16          cluding habitat loss, poaching of turtles or their  
17          eggs, and wildlife trafficking.”.

18                 (B) DEFINITIONS.—Section 3 of the Ma-  
19          rine Turtle Conservation Act of 2004 (16  
20          U.S.C. 6602) is amended—

21                 (i) in paragraph (2)—

22                         (I) in the matter preceding sub-  
23                         paragraph (A), by striking “nesting  
24                         habitats of marine turtles in foreign  
25                         countries and of marine turtles in

1 those habitats” and inserting “marine  
2 turtles, freshwater turtles, and tor-  
3 toises, and the habitats of marine tur-  
4 tles, freshwater turtles, and tortoises,  
5 in foreign countries and territories of  
6 the United States under the jurisdic-  
7 tion of United States Fish and Wild-  
8 life Service programs”;

9 (II) in subparagraphs (A), (B),  
10 and (C), by striking “nesting” each  
11 place it appears;

12 (III) in subparagraph (D)—

13 (aa) in the matter preceding  
14 clause (i), by striking “countries  
15 to—” and inserting “countries—  
16 ”;

17 (bb) in clause (i)—

18 (AA) by inserting “to”  
19 before “protect”; and

20 (BB) by striking “nest-  
21 ing” each place it appears;  
22 and

23 (cc) in clause (ii), by insert-  
24 ing “to” before “prevent”;

1 (IV) in subparagraph (E)(i), by  
2 striking “turtles on nesting habitat”  
3 and inserting “turtles, freshwater tur-  
4 tles, and tortoises”;

5 (V) in subparagraph (F), by  
6 striking “turtles over habitat used by  
7 marine turtles for nesting” and insert-  
8 ing “turtles, freshwater turtles, and  
9 tortoises over habitats used by marine  
10 turtles, freshwater turtles, and tor-  
11 toises”; and

12 (VI) in subparagraph (H), by  
13 striking “nesting” each place it ap-  
14 pears;

15 (ii) by redesignating paragraphs (3),  
16 (4), (5), and (6) as paragraphs (4), (6),  
17 (7), and (8), respectively;

18 (iii) by inserting before paragraph (4)  
19 (as so redesignated) the following:

20 “(3) FRESHWATER TURTLE.—

21 “(A) IN GENERAL.—The term ‘freshwater  
22 turtle’ means any member of the family  
23 Carettochelyidae, Chelidae, Chelydridae,  
24 Dermatemydidae, Emydidae, Geoemydidae,

1 Kinosternidae, Pelomedusidae, Platysternidae,  
2 Podocnemididae, or Trionychidae.

3 “(B) INCLUSIONS.—The term ‘freshwater  
4 turtle’ includes—

5 “(i) any part, product, egg, or off-  
6 spring of a turtle described in subpara-  
7 graph (A); and

8 “(ii) a carcass of such a turtle.”;

9 (iv) by inserting after paragraph (4)  
10 (as so redesignated) the following:

11 “(5) HABITAT.—The term ‘habitat’ means any  
12 marine turtle, freshwater turtle, or tortoise habitat  
13 (including a nesting habitat) that is under the jurisdic-  
14 tion of United States Fish and Wildlife Service  
15 programs.”; and

16 (v) by inserting after paragraph (8)  
17 (as so redesignated) the following:

18 “(9) TERRITORY OF THE UNITED STATES.—

19 The term ‘territory of the United States’ means—

20 “(A) American Samoa;

21 “(B) the Commonwealth of the Northern  
22 Mariana Islands;

23 “(C) the Commonwealth of Puerto Rico;

24 “(D) Guam;

25 “(E) the United States Virgin Islands; and

1           “(F) any other territory or possession of  
2 the United States.

3           “(10) TORTOISE.—

4           “(A) IN GENERAL.—The term ‘tortoise’  
5 means any member of the family Testudinidae.

6           “(B) INCLUSIONS.—The term ‘tortoise’ in-  
7 cludes—

8           “(i) any part, product, egg, or off-  
9 spring of a tortoise described in subpara-  
10 graph (A); and

11           “(ii) a carcass of such a tortoise.”.

12           “(C) CONSERVATION ASSISTANCE.—Section  
13 4 of the Marine Turtle Conservation Act of  
14 2004 (16 U.S.C. 6603) is amended—

15           (i) in the section heading, by striking  
16           **“MARINE TURTLE”**;

17           (ii) in subsection (a), by inserting “,  
18 freshwater turtles, or tortoises” after “ma-  
19 rine turtles”;

20           (iii) in subsection (b)(1)—

21           (I) in the matter preceding sub-  
22 paragraph (A), by inserting “, fresh-  
23 water turtles, or tortoises” after “ma-  
24 rine turtles”;

1 (II) by striking subparagraph (A)  
2 and inserting the following:

3 “(A) any wildlife management authority of  
4 a foreign country or territory of the United  
5 States that has within its boundaries marine  
6 turtle, freshwater turtle, or tortoise habitat, if  
7 the activities of the authority directly or indi-  
8 rectly affect marine turtle, freshwater turtle, or  
9 tortoise conservation; or” and

10 (III) in subparagraph (B), by in-  
11 sserting “, freshwater turtles, or tor-  
12 toises” after “marine turtles”;

13 (iv) in subsection (c)(2), in each of  
14 subparagraphs (A) and (C), by inserting  
15 “and territory of the United States” after  
16 “each country”;

17 (v) by striking subsection (d) and in-  
18 sserting the following:

19 “(d) CRITERIA FOR APPROVAL.—The Secretary may  
20 approve a project proposal under this section if the Sec-  
21 retary determines that the project will help to restore, re-  
22 cover, and sustain a viable population of marine turtles,  
23 freshwater turtles, or tortoises in the wild by assisting ef-  
24 forts in a foreign country or territory of the United States

1 to implement a marine turtle, freshwater turtle, or tortoise  
2 conservation program.”; and

3 (vi) in subsection (e), by striking  
4 “marine turtles and their nesting habitats”  
5 and inserting “marine turtles, freshwater  
6 turtles, or tortoises and the habitats of  
7 marine turtles, freshwater turtles, or tor-  
8 toises”.

9 (D) MARINE TURTLE CONSERVATION  
10 FUND.—Section 5 of the Marine Turtle Con-  
11 servation Act of 2004 (16 U.S.C. 6604) is  
12 amended—

13 (i) in subsection (a)(2), by striking  
14 “section 6” and inserting “section 7(a)”;  
15 and

16 (ii) in subsection (b)(2), by striking  
17 “3 percent, or up to \$80,000” and insert-  
18 ing “5 percent, or up to \$150,000”.

19 (E) ADVISORY GROUP.—Section 6(a) of  
20 the Marine Turtle Conservation Act of 2004  
21 (16 U.S.C. 6605(a)) is amended by inserting “,  
22 freshwater turtles, or tortoises” after “marine  
23 turtles”.

24 (F) AUTHORIZATION OF APPROPRIA-  
25 TIONS.—Section 7 of the Marine Turtle Con-

1           servation Act of 2004 (16 U.S.C. 6606) is  
2           amended to read as follows:

3   **“SEC. 7. AUTHORIZATION OF APPROPRIATIONS.**

4           “(a) IN GENERAL.—There is authorized to be appro-  
5    priated to the Fund \$5,000,000 for each of fiscal years  
6    2020 through 2024.

7           “(b) ALLOCATION.—Of the amounts made available  
8    for each fiscal year pursuant to subsection (a)—

9           “(1) not less than \$1,510,000 shall be used by  
10   the Secretary for marine turtle conservation pur-  
11   poses in accordance with this Act; and

12           “(2) of the amounts in excess of the amount de-  
13   scribed in paragraph (1), not less than 40 percent  
14   shall be used by the Secretary for freshwater turtle  
15   and tortoise conservation purposes in accordance  
16   with this Act.”.

17   (d) PRIZE COMPETITIONS.—

18           (1) DEFINITIONS.—In this subsection:

19           (A) NON-FEDERAL FUNDS.—The term  
20   “non-Federal funds” means funds provided  
21   by—

22                   (i) a State;

23                   (ii) a territory of the United States;

24                   (iii) 1 or more units of local or tribal  
25   government;

1 (iv) a private for-profit entity;

2 (v) a nonprofit organization; or

3 (vi) a private individual.

4 (B) SECRETARY.—The term “Secretary”  
5 means the Secretary, acting through the Direc-  
6 tor of the United States Fish and Wildlife Serv-  
7 ice.

8 (C) WILDLIFE.—The term “wildlife” has  
9 the meaning given the term in section 8 of the  
10 Fish and Wildlife Coordination Act (16 U.S.C.  
11 666b).

12 (2) THEODORE ROOSEVELT GENIUS PRIZE FOR  
13 PREVENTION OF WILDLIFE POACHING AND TRAF-  
14 FICKING.—

15 (A) DEFINITIONS.—In this paragraph:

16 (i) BOARD.—The term “Board”  
17 means the Prevention of Wildlife Poaching  
18 and Trafficking Technology Advisory  
19 Board established by subparagraph (C)(i).

20 (ii) PRIZE COMPETITION.—The term  
21 “prize competition” means the Theodore  
22 Roosevelt Genius Prize for the prevention  
23 of wildlife poaching and trafficking estab-  
24 lished under subparagraph (B).

1 (B) AUTHORITY.—Not later than 180 days  
2 after the date of enactment of this Act, the Sec-  
3 retary shall establish under section 24 of the  
4 Stevenson-Wyidler Technology Innovation Act of  
5 1980 (15 U.S.C. 3719) a prize competition, to  
6 be known as the “Theodore Roosevelt Genius  
7 Prize for the prevention of wildlife poaching  
8 and trafficking”—

9 (i) to encourage technological innova-  
10 tion with the potential to advance the mis-  
11 sion of the United States Fish and Wildlife  
12 Service with respect to the prevention of  
13 wildlife poaching and trafficking; and

14 (ii) to award 1 or more prizes annu-  
15 ally for a technological advancement that  
16 prevents wildlife poaching and trafficking.

17 (C) ADVISORY BOARD.—

18 (i) ESTABLISHMENT.—There is estab-  
19 lished an advisory board, to be known as  
20 the “Prevention of Wildlife Poaching and  
21 Trafficking Technology Advisory Board”.

22 (ii) COMPOSITION.—The Board shall  
23 be composed of not fewer than 9 members  
24 appointed by the Secretary, who shall pro-  
25 vide expertise in—

- 1 (I) wildlife trafficking and trade;  
2 (II) wildlife conservation and  
3 management;  
4 (III) biology;  
5 (IV) technology development;  
6 (V) engineering;  
7 (VI) economics;  
8 (VII) business development and  
9 management; and  
10 (VIII) any other discipline, as the  
11 Secretary determines to be necessary  
12 to achieve the purposes of this para-  
13 graph.
- 14 (iii) DUTIES.—Subject to clause (iv),  
15 with respect to the prize competition, the  
16 Board shall—
- 17 (I) select a topic;  
18 (II) issue a problem statement;  
19 (III) advise the Secretary regard-  
20 ing any opportunity for technological  
21 innovation to prevent wildlife poaching  
22 and trafficking; and  
23 (IV) advise winners of the prize  
24 competition regarding opportunities to  
25 pilot and implement winning tech-

1 nologies in relevant fields, including in  
2 partnership with conservation organi-  
3 zations, Federal or State agencies,  
4 federally recognized Indian tribes, pri-  
5 vate entities, and research institutions  
6 with expertise or interest relating to  
7 the prevention of wildlife poaching  
8 and trafficking.

9 (iv) CONSULTATION.—In selecting a  
10 topic and issuing a problem statement for  
11 the prize competition under subclauses (I)  
12 and (II) of clause (iii), respectively, the  
13 Board shall consult widely with Federal  
14 and non-Federal stakeholders, including—

15 (I) 1 or more Federal agencies  
16 with jurisdiction over the prevention  
17 of wildlife poaching and trafficking;

18 (II) 1 or more State agencies  
19 with jurisdiction over the prevention  
20 of wildlife poaching and trafficking;

21 (III) 1 or more State, regional,  
22 or local wildlife organizations, the  
23 mission of which relates to the preven-  
24 tion of wildlife poaching and traf-  
25 ficking; and

1 (IV) 1 or more wildlife conserva-  
2 tion groups, technology companies, re-  
3 search institutions, institutions of  
4 higher education, industry associa-  
5 tions, or individual stakeholders with  
6 an interest in the prevention of wild-  
7 life poaching and trafficking.

8 (v) REQUIREMENTS.—The Board  
9 shall comply with all requirements under  
10 paragraph (7)(A).

11 (D) AGREEMENT WITH NATIONAL FISH  
12 AND WILDLIFE FOUNDATION.—

13 (i) IN GENERAL.—The Secretary shall  
14 offer to enter into an agreement under  
15 which the National Fish and Wildlife  
16 Foundation shall administer the prize com-  
17 petition.

18 (ii) REQUIREMENTS.—An agreement  
19 entered into under clause (i) shall comply  
20 with all requirements under paragraph  
21 (7)(B).

22 (E) JUDGES.—

23 (i) APPOINTMENT.—The Secretary  
24 shall appoint not fewer than 3 judges who  
25 shall, except as provided in clause (ii), se-

1           lect the 1 or more annual winners of the  
2           prize competition.

3                   (ii)    DETERMINATION    BY    SEC-  
4           RETARY.—The judges appointed under  
5           clause (i) shall not select any annual win-  
6           ner of the prize competition if the Sec-  
7           retary makes a determination that, in any  
8           fiscal year, none of the technological ad-  
9           vancements entered into the prize competi-  
10          tion merits an award.

11                   (F)   REPORT TO CONGRESS.—Not later  
12          than 60 days after the date on which a cash  
13          prize is awarded under this paragraph, the Sec-  
14          retary shall submit to the Committee on Envi-  
15          ronment and Public Works of the Senate and  
16          the Committee on Natural Resources of the  
17          House of Representatives a report on the prize  
18          competition that includes—

19                           (i) a statement by the Board that de-  
20                           scribes the activities carried out by the  
21                           Board relating to the duties described in  
22                           subparagraph (C)(iii);

23                           (ii) if the Secretary has entered into  
24                           an agreement under subparagraph (D)(i),  
25                           a statement by the National Fish and

1 Wildlife Foundation that describes the ac-  
2 tivities carried out by the National Fish  
3 and Wildlife Foundation relating to the du-  
4 ties described in paragraph (7)(B); and

5 (iii) a statement by 1 or more of the  
6 judges appointed under subparagraph (E)  
7 that explains the basis on which the winner  
8 of the cash prize was selected.

9 (G) TERMINATION OF AUTHORITY.—The  
10 Board and all authority provided under this  
11 paragraph shall terminate on December 31,  
12 2023.

13 (3) THEODORE ROOSEVELT GENIUS PRIZE FOR  
14 PROMOTION OF WILDLIFE CONSERVATION.—

15 (A) DEFINITIONS.—In this paragraph:

16 (i) BOARD.—The term “Board”  
17 means the Promotion of Wildlife Conserva-  
18 tion Technology Advisory Board estab-  
19 lished by subparagraph (C)(i).

20 (ii) PRIZE COMPETITION.—The term  
21 “prize competition” means the Theodore  
22 Roosevelt Genius Prize for the promotion  
23 of wildlife conservation established under  
24 subparagraph (B).

1 (B) AUTHORITY.—Not later than 180 days  
2 after the date of enactment of this Act, the Sec-  
3 retary shall establish under section 24 of the  
4 Stevenson-Wydler Technology Innovation Act of  
5 1980 (15 U.S.C. 3719) a prize competition, to  
6 be known as the “Theodore Roosevelt Genius  
7 Prize for the promotion of wildlife conserva-  
8 tion”—

9 (i) to encourage technological innova-  
10 tion with the potential to advance the mis-  
11 sion of the United States Fish and Wildlife  
12 Service with respect to the promotion of  
13 wildlife conservation; and

14 (ii) to award 1 or more prizes annu-  
15 ally for a technological advancement that  
16 promotes wildlife conservation.

17 (C) ADVISORY BOARD.—

18 (i) ESTABLISHMENT.—There is estab-  
19 lished an advisory board, to be known as  
20 the “Promotion of Wildlife Conservation  
21 Technology Advisory Board”.

22 (ii) COMPOSITION.—The Board shall  
23 be composed of not fewer than 9 members  
24 appointed by the Secretary, who shall pro-  
25 vide expertise in—

- 1 (I) wildlife conservation and  
2 management;
- 3 (II) biology;
- 4 (III) technology development;
- 5 (IV) engineering;
- 6 (V) economics;
- 7 (VI) business development and  
8 management; and
- 9 (VII) any other discipline, as the  
10 Secretary determines to be necessary  
11 to achieve the purposes of this para-  
12 graph.
- 13 (iii) DUTIES.—Subject to clause (iv),  
14 with respect to the prize competition, the  
15 Board shall—
- 16 (I) select a topic;
- 17 (II) issue a problem statement;
- 18 (III) advise the Secretary regard-  
19 ing any opportunity for technological  
20 innovation to promote wildlife con-  
21 servation; and
- 22 (IV) advise winners of the prize  
23 competition regarding opportunities to  
24 pilot and implement winning tech-  
25 nologies in relevant fields, including in

1 partnership with conservation organi-  
2 zations, Federal or State agencies,  
3 federally recognized Indian tribes, pri-  
4 vate entities, and research institutions  
5 with expertise or interest relating to  
6 the promotion of wildlife conservation.

7 (iv) CONSULTATION.—In selecting a  
8 topic and issuing a problem statement for  
9 the prize competition under subclauses (I)  
10 and (II) of clause (iii), respectively, the  
11 Board shall consult widely with Federal  
12 and non-Federal stakeholders, including—

13 (I) 1 or more Federal agencies  
14 with jurisdiction over the promotion of  
15 wildlife conservation;

16 (II) 1 or more State agencies  
17 with jurisdiction over the promotion of  
18 wildlife conservation;

19 (III) 1 or more State, regional,  
20 or local wildlife organizations, the  
21 mission of which relates to the pro-  
22 motion of wildlife conservation; and

23 (IV) 1 or more wildlife conserva-  
24 tion groups, technology companies, re-  
25 search institutions, institutions of

1 higher education, industry associa-  
2 tions, or individual stakeholders with  
3 an interest in the promotion of wild-  
4 life conservation.

5 (v) REQUIREMENTS.—The Board  
6 shall comply with all requirements under  
7 paragraph (7)(A).

8 (D) AGREEMENT WITH NATIONAL FISH  
9 AND WILDLIFE FOUNDATION.—

10 (i) IN GENERAL.—The Secretary shall  
11 offer to enter into an agreement under  
12 which the National Fish and Wildlife  
13 Foundation shall administer the prize com-  
14 petition.

15 (ii) REQUIREMENTS.—An agreement  
16 entered into under clause (i) shall comply  
17 with all requirements under paragraph  
18 (7)(B).

19 (E) JUDGES.—

20 (i) APPOINTMENT.—The Secretary  
21 shall appoint not fewer than 3 judges who  
22 shall, except as provided in clause (ii), se-  
23 lect the 1 or more annual winners of the  
24 prize competition.

1                   (ii) DETERMINATION BY SEC-  
2                   RETARY.—The judges appointed under  
3                   clause (i) shall not select any annual win-  
4                   ner of the prize competition if the Sec-  
5                   retary makes a determination that, in any  
6                   fiscal year, none of the technological ad-  
7                   vancements entered into the prize competi-  
8                   tion merits an award.

9                   (F) REPORT TO CONGRESS.—Not later  
10                  than 60 days after the date on which a cash  
11                  prize is awarded under this paragraph, the Sec-  
12                  retary shall submit to the Committee on Envi-  
13                  ronment and Public Works of the Senate and  
14                  the Committee on Natural Resources of the  
15                  House of Representatives a report on the prize  
16                  competition that includes—

17                  (i) a statement by the Board that de-  
18                  scribes the activities carried out by the  
19                  Board relating to the duties described in  
20                  subparagraph (C)(iii);

21                  (ii) if the Secretary has entered into  
22                  an agreement under subparagraph (D)(i),  
23                  a statement by the National Fish and  
24                  Wildlife Foundation that describes the ac-  
25                  tivities carried out by the National Fish

1 and Wildlife Foundation relating to the du-  
2 ties described in paragraph (7)(B); and

3 (iii) a statement by 1 or more of the  
4 judges appointed under subparagraph (E)  
5 that explains the basis on which the winner  
6 of the cash prize was selected.

7 (G) TERMINATION OF AUTHORITY.—The  
8 Board and all authority provided under this  
9 paragraph shall terminate on December 31,  
10 2023.

11 (4) THEODORE ROOSEVELT GENIUS PRIZE FOR  
12 MANAGEMENT OF INVASIVE SPECIES.—

13 (A) DEFINITIONS.—In this paragraph:

14 (i) BOARD.—The term “Board”  
15 means the Management of Invasive Species  
16 Technology Advisory Board established by  
17 subparagraph (C)(i).

18 (ii) PRIZE COMPETITION.—The term  
19 “prize competition” means the Theodore  
20 Roosevelt Genius Prize for the manage-  
21 ment of invasive species established under  
22 subparagraph (B).

23 (B) AUTHORITY.—Not later than 180 days  
24 after the date of enactment of this Act, the Sec-  
25 retary shall establish under section 24 of the

1 Stevenson-Wydler Technology Innovation Act of  
2 1980 (15 U.S.C. 3719) a prize competition, to  
3 be known as the “Theodore Roosevelt Genius  
4 Prize for the management of invasive spe-  
5 cies”—

6 (i) to encourage technological innova-  
7 tion with the potential to advance the mis-  
8 sion of the United States Fish and Wildlife  
9 Service with respect to the management of  
10 invasive species; and

11 (ii) to award 1 or more prizes annu-  
12 ally for a technological advancement that  
13 manages invasive species.

14 (C) ADVISORY BOARD.—

15 (i) ESTABLISHMENT.—There is estab-  
16 lished an advisory board, to be known as  
17 the “Management of Invasive Species  
18 Technology Advisory Board”.

19 (ii) COMPOSITION.—The Board shall  
20 be composed of not fewer than 9 members  
21 appointed by the Secretary, who shall pro-  
22 vide expertise in—

23 (I) invasive species;

24 (II) biology;

25 (III) technology development;

1 (IV) engineering;  
2 (V) economics;  
3 (VI) business development and  
4 management; and  
5 (VII) any other discipline, as the  
6 Secretary determines to be necessary  
7 to achieve the purposes of this para-  
8 graph.

9 (iii) DUTIES.—Subject to clause (iv),  
10 with respect to the prize competition, the  
11 Board shall—

12 (I) select a topic;  
13 (II) issue a problem statement;  
14 (III) advise the Secretary regard-  
15 ing any opportunity for technological  
16 innovation to manage invasive species;  
17 and  
18 (IV) advise winners of the prize  
19 competition regarding opportunities to  
20 pilot and implement winning tech-  
21 nologies in relevant fields, including in  
22 partnership with conservation organi-  
23 zations, Federal or State agencies,  
24 federally recognized Indian tribes, pri-  
25 vate entities, and research institutions

1 with expertise or interest relating to  
2 the management of invasive species.

3 (iv) CONSULTATION.—In selecting a  
4 topic and issuing a problem statement for  
5 the prize competition under subclauses (I)  
6 and (II) of clause (iii), respectively, the  
7 Board shall consult widely with Federal  
8 and non-Federal stakeholders, including—

9 (I) 1 or more Federal agencies  
10 with jurisdiction over the management  
11 of invasive species;

12 (II) 1 or more State agencies  
13 with jurisdiction over the management  
14 of invasive species;

15 (III) 1 or more State, regional,  
16 or local wildlife organizations, the  
17 mission of which relates to the man-  
18 agement of invasive species; and

19 (IV) 1 or more wildlife conserva-  
20 tion groups, technology companies, re-  
21 search institutions, institutions of  
22 higher education, industry associa-  
23 tions, or individual stakeholders with  
24 an interest in the management of  
25 invasive species.

1 (v) REQUIREMENTS.—The Board  
2 shall comply with all requirements under  
3 paragraph (7)(A).

4 (D) AGREEMENT WITH NATIONAL FISH  
5 AND WILDLIFE FOUNDATION.—

6 (i) IN GENERAL.—The Secretary shall  
7 offer to enter into an agreement under  
8 which the National Fish and Wildlife  
9 Foundation shall administer the prize com-  
10 petition.

11 (ii) REQUIREMENTS.—An agreement  
12 entered into under clause (i) shall comply  
13 with all requirements under paragraph  
14 (7)(B).

15 (E) JUDGES.—

16 (i) APPOINTMENT.—The Secretary  
17 shall appoint not fewer than 3 judges who  
18 shall, except as provided in clause (ii), se-  
19 lect the 1 or more annual winners of the  
20 prize competition.

21 (ii) DETERMINATION BY SEC-  
22 RETARY.—The judges appointed under  
23 clause (i) shall not select any annual win-  
24 ner of the prize competition if the Sec-  
25 retary makes a determination that, in any

1           fiscal year, none of the technological ad-  
2           vancements entered into the prize competi-  
3           tion merits an award.

4           (F) REPORT TO CONGRESS.—Not later  
5           than 60 days after the date on which a cash  
6           prize is awarded under this paragraph, the Sec-  
7           retary shall submit to the Committee on Envi-  
8           ronment and Public Works of the Senate and  
9           the Committee on Natural Resources of the  
10          House of Representatives a report on the prize  
11          competition that includes—

12                 (i) a statement by the Board that de-  
13                 scribes the activities carried out by the  
14                 Board relating to the duties described in  
15                 subparagraph (C)(iii);

16                 (ii) if the Secretary has entered into  
17                 an agreement under subparagraph (D)(i),  
18                 a statement by the National Fish and  
19                 Wildlife Foundation that describes the ac-  
20                 tivities carried out by the National Fish  
21                 and Wildlife Foundation relating to the du-  
22                 ties described in paragraph (7)(B); and

23                 (iii) a statement by 1 or more of the  
24                 judges appointed under subparagraph (E)

1                   that explains the basis on which the winner  
2                   of the cash prize was selected.

3                   (G) TERMINATION OF AUTHORITY.—The  
4                   Board and all authority provided under this  
5                   paragraph shall terminate on December 31,  
6                   2023.

7                   (5) THEODORE ROOSEVELT GENIUS PRIZE FOR  
8                   PROTECTION OF ENDANGERED SPECIES.—

9                   (A) DEFINITIONS.—In this paragraph:

10                   (i) BOARD.—The term “Board”  
11                   means the Protection of Endangered Spe-  
12                   cies Technology Advisory Board estab-  
13                   lished by subparagraph (C)(i).

14                   (ii) PRIZE COMPETITION.—The term  
15                   “prize competition” means the Theodore  
16                   Roosevelt Genius Prize for the protection  
17                   of endangered species established under  
18                   subparagraph (B).

19                   (B) AUTHORITY.—Not later than 180 days  
20                   after the date of enactment of this Act, the Sec-  
21                   retary shall establish under section 24 of the  
22                   Stevenson-Wydler Technology Innovation Act of  
23                   1980 (15 U.S.C. 3719) a prize competition, to  
24                   be known as the “Theodore Roosevelt Genius

1 Prize for the protection of endangered spe-  
2 cies”—

3 (i) to encourage technological innova-  
4 tion with the potential to advance the mis-  
5 sion of the United States Fish and Wildlife  
6 Service with respect to the protection of  
7 endangered species; and

8 (ii) to award 1 or more prizes annu-  
9 ally for a technological advancement that  
10 protects endangered species.

11 (C) ADVISORY BOARD.—

12 (i) ESTABLISHMENT.—There is estab-  
13 lished an advisory board, to be known as  
14 the “Protection of Endangered Species  
15 Technology Advisory Board”.

16 (ii) COMPOSITION.—The Board shall  
17 be composed of not fewer than 9 members  
18 appointed by the Secretary, who shall pro-  
19 vide expertise in—

- 20 (I) endangered species;  
21 (II) biology;  
22 (III) technology development;  
23 (IV) engineering;  
24 (V) economics;

1 (VI) business development and  
2 management; and

3 (VII) any other discipline, as the  
4 Secretary determines to be necessary  
5 to achieve the purposes of this para-  
6 graph.

7 (iii) DUTIES.—Subject to clause (iv),  
8 with respect to the prize competition, the  
9 Board shall—

10 (I) select a topic;

11 (II) issue a problem statement;

12 (III) advise the Secretary regard-  
13 ing any opportunity for technological  
14 innovation to protect endangered spe-  
15 cies; and

16 (IV) advise winners of the prize  
17 competition regarding opportunities to  
18 pilot and implement winning tech-  
19 nologies in relevant fields, including in  
20 partnership with conservation organi-  
21 zations, Federal or State agencies,  
22 federally recognized Indian tribes, pri-  
23 vate entities, and research institutions  
24 with expertise or interest relating to  
25 the protection of endangered species.

- 1 (iv) CONSULTATION.—In selecting a  
2 topic and issuing a problem statement for  
3 the prize competition under subclauses (I)  
4 and (II) of clause (iii), respectively, the  
5 Board shall consult widely with Federal  
6 and non-Federal stakeholders, including—
- 7 (I) 1 or more Federal agencies  
8 with jurisdiction over the protection of  
9 endangered species;
- 10 (II) 1 or more State agencies  
11 with jurisdiction over the protection of  
12 endangered species;
- 13 (III) 1 or more State, regional,  
14 or local wildlife organizations, the  
15 mission of which relates to the protec-  
16 tion of endangered species; and
- 17 (IV) 1 or more wildlife conserva-  
18 tion groups, technology companies, re-  
19 search institutions, institutions of  
20 higher education, industry associa-  
21 tions, or individual stakeholders with  
22 an interest in the protection of endan-  
23 gered species.

1 (v) REQUIREMENTS.—The Board  
2 shall comply with all requirements under  
3 paragraph (7)(A).

4 (D) AGREEMENT WITH NATIONAL FISH  
5 AND WILDLIFE FOUNDATION.—

6 (i) IN GENERAL.—The Secretary shall  
7 offer to enter into an agreement under  
8 which the National Fish and Wildlife  
9 Foundation shall administer the prize com-  
10 petition.

11 (ii) REQUIREMENTS.—An agreement  
12 entered into under clause (i) shall comply  
13 with all requirements under paragraph  
14 (7)(B).

15 (E) JUDGES.—

16 (i) APPOINTMENT.—The Secretary  
17 shall appoint not fewer than 3 judges who  
18 shall, except as provided in clause (ii), se-  
19 lect the 1 or more annual winners of the  
20 prize competition.

21 (ii) DETERMINATION BY SEC-  
22 RETARY.—The judges appointed under  
23 clause (i) shall not select any annual win-  
24 ner of the prize competition if the Sec-  
25 retary makes a determination that, in any

1           fiscal year, none of the technological ad-  
2           vancements entered into the prize competi-  
3           tion merits an award.

4           (F) REPORT TO CONGRESS.—Not later  
5           than 60 days after the date on which a cash  
6           prize is awarded under this paragraph, the Sec-  
7           retary shall submit to the Committee on Envi-  
8           ronment and Public Works of the Senate and  
9           the Committee on Natural Resources of the  
10          House of Representatives a report on the prize  
11          competition that includes—

12                   (i) a statement by the Board that de-  
13                   scribes the activities carried out by the  
14                   Board relating to the duties described in  
15                   subparagraph (C)(iii);

16                   (ii) if the Secretary has entered into  
17                   an agreement under subparagraph (D)(i),  
18                   a statement by the National Fish and  
19                   Wildlife Foundation that describes the ac-  
20                   tivities carried out by the National Fish  
21                   and Wildlife Foundation relating to the du-  
22                   ties described in paragraph (7)(B); and

23                   (iii) a statement by 1 or more of the  
24                   judges appointed under subparagraph (E)

1           that explains the basis on which the winner  
2           of the cash prize was selected.

3           (G) TERMINATION OF AUTHORITY.—The  
4           Board and all authority provided under this  
5           paragraph shall terminate on December 31,  
6           2023.

7           (6) THEODORE ROOSEVELT GENIUS PRIZE FOR  
8           NONLETHAL MANAGEMENT OF HUMAN-WILDLIFE  
9           CONFLICTS.—

10           (A) DEFINITIONS.—In this paragraph:

11           (i) BOARD.—The term “Board”  
12           means the Nonlethal Management of  
13           Human-Wildlife Conflicts Technology Advi-  
14           sory Board established by subparagraph  
15           (C)(i).

16           (ii) PRIZE COMPETITION.—The term  
17           “prize competition” means the Theodore  
18           Roosevelt Genius Prize for the nonlethal  
19           management of human-wildlife conflicts es-  
20           tablished under subparagraph (B).

21           (B) AUTHORITY.—Not later than 180 days  
22           after the date of enactment of this Act, the Sec-  
23           retary shall establish under section 24 of the  
24           Stevenson-Wydler Technology Innovation Act of  
25           1980 (15 U.S.C. 3719) a prize competition, to

1 be known as the “Theodore Roosevelt Genius  
2 Prize for the nonlethal management of human-  
3 wildlife conflicts”—

4 (i) to encourage technological innova-  
5 tion with the potential to advance the mis-  
6 sion of the United States Fish and Wildlife  
7 Service with respect to the nonlethal man-  
8 agement of human-wildlife conflicts; and

9 (ii) to award 1 or more prizes annu-  
10 ally for a technological advancement that  
11 promotes the nonlethal management of  
12 human-wildlife conflicts.

13 (C) ADVISORY BOARD.—

14 (i) ESTABLISHMENT.—There is estab-  
15 lished an advisory board, to be known as  
16 the “Nonlethal Management of Human-  
17 Wildlife Conflicts Technology Advisory  
18 Board”.

19 (ii) COMPOSITION.—The Board shall  
20 be composed of not fewer than 9 members  
21 appointed by the Secretary, who shall pro-  
22 vide expertise in—

23 (I) nonlethal wildlife manage-  
24 ment;

1 (II) social aspects of human-wild-  
2 life conflict management;  
3 (III) biology;  
4 (IV) technology development;  
5 (V) engineering;  
6 (VI) economics;  
7 (VII) business development and  
8 management; and  
9 (VIII) any other discipline, as the  
10 Secretary determines to be necessary  
11 to achieve the purposes of this para-  
12 graph.

13 (iii) DUTIES.—Subject to clause (iv),  
14 with respect to the prize competition, the  
15 Board shall—

- 16 (I) select a topic;  
17 (II) issue a problem statement;  
18 (III) advise the Secretary regard-  
19 ing any opportunity for technological  
20 innovation to promote the nonlethal  
21 management of human-wildlife con-  
22 flicts; and  
23 (IV) advise winners of the prize  
24 competition regarding opportunities to  
25 pilot and implement winning tech-

1 nologies in relevant fields, including in  
2 partnership with conservation organi-  
3 zations, Federal or State agencies,  
4 federally recognized Indian tribes, pri-  
5 vate entities, and research institutions  
6 with expertise or interest relating to  
7 the nonlethal management of human-  
8 wildlife conflicts.

9 (iv) CONSULTATION.—In selecting a  
10 topic and issuing a problem statement for  
11 the prize competition under subclauses (I)  
12 and (II) of subparagraph (C), respectively,  
13 the Board shall consult widely with Fed-  
14 eral and non-Federal stakeholders, includ-  
15 ing—

16 (I) 1 or more Federal agencies  
17 with jurisdiction over the management  
18 of native wildlife species at risk due to  
19 conflict with human activities;

20 (II) 1 or more State agencies  
21 with jurisdiction over the management  
22 of native wildlife species at risk due to  
23 conflict with human activities;

24 (III) 1 or more State, regional,  
25 or local wildlife organizations, the

1 mission of which relates to the man-  
2 agement of native wildlife species at  
3 risk due to conflict with human activi-  
4 ties; and

5 (IV) 1 or more wildlife conserva-  
6 tion groups, technology companies, re-  
7 search institutions, institutions of  
8 higher education, industry associa-  
9 tions, or individual stakeholders with  
10 an interest in the management of na-  
11 tive wildlife species at risk due to con-  
12 flict with human activities.

13 (v) REQUIREMENTS.—The Board  
14 shall comply with all requirements under  
15 paragraph (7)(A).

16 (D) AGREEMENT WITH NATIONAL FISH  
17 AND WILDLIFE FOUNDATION.—

18 (i) IN GENERAL.—The Secretary shall  
19 offer to enter into an agreement under  
20 which the National Fish and Wildlife  
21 Foundation shall administer the prize com-  
22 petition.

23 (ii) REQUIREMENTS.—An agreement  
24 entered into under clause (i) shall comply

1 with all requirements under paragraph  
2 (7)(B).

3 (E) JUDGES.—

4 (i) APPOINTMENT.—The Secretary  
5 shall appoint not fewer than 3 judges who  
6 shall, except as provided in clause (ii), se-  
7 lect the 1 or more annual winners of the  
8 prize competition.

9 (ii) DETERMINATION BY SEC-  
10 RETARY.—The judges appointed under  
11 clause (i) shall not select any annual win-  
12 ner of the prize competition if the Sec-  
13 retary makes a determination that, in any  
14 fiscal year, none of the technological ad-  
15 vancements entered into the prize competi-  
16 tion merits an award.

17 (F) REPORT TO CONGRESS.—Not later  
18 than 60 days after the date on which a cash  
19 prize is awarded under this paragraph, the Sec-  
20 retary shall submit to the Committee on Envi-  
21 ronment and Public Works of the Senate and  
22 the Committee on Natural Resources of the  
23 House of Representatives a report on the prize  
24 competition that includes—

1 (i) a statement by the Board that de-  
2 scribes the activities carried out by the  
3 Board relating to the duties described in  
4 subparagraph (C)(iii);

5 (ii) if the Secretary has entered into  
6 an agreement under subparagraph (D)(i),  
7 a statement by the National Fish and  
8 Wildlife Foundation that describes the ac-  
9 tivities carried out by the National Fish  
10 and Wildlife Foundation relating to the du-  
11 ties described in paragraph (7)(B); and

12 (iii) a statement by 1 or more of the  
13 judges appointed under subparagraph (E)  
14 that explains the basis on which the winner  
15 of the cash prize was selected.

16 (G) TERMINATION OF AUTHORITY.—The  
17 Board and all authority provided under this  
18 paragraph shall terminate on December 31,  
19 2023.

20 (7) ADMINISTRATION OF PRIZE COMPETI-  
21 TIONS.—

22 (A) ADDITIONAL REQUIREMENTS FOR AD-  
23 VISORY BOARDS.—An advisory board estab-  
24 lished under paragraph (2)(C)(i), (3)(C)(i),  
25 (4)(C)(i), (5)(C)(i), or (6)(C)(i) (referred to in

1           this paragraph as a “Board”) shall comply with  
2           the following requirements:

3                   (i) TERM; VACANCIES.—

4                           (I) TERM.—A member of the  
5                           Board shall serve for a term of 5  
6                           years.

7                           (II) VACANCIES.—A vacancy on  
8                           the Board—

9                                   (aa) shall not affect the  
10                                   powers of the Board; and

11                                   (bb) shall be filled in the  
12                                   same manner as the original ap-  
13                                   pointment was made.

14                   (ii) INITIAL MEETING.—Not later  
15                   than 30 days after the date on which all  
16                   members of the Board have been ap-  
17                   pointed, the Board shall hold the initial  
18                   meeting of the Board.

19                   (iii) MEETINGS.—

20                           (I) IN GENERAL.—The Board  
21                           shall meet at the call of the Chair-  
22                           person.

23                           (II) REMOTE PARTICIPATION.—

24                                   (aa) IN GENERAL.—Any  
25                                   member of the Board may par-

1                    participate in a meeting of the  
2                    Board through the use of—

3                                    (AA) teleconferencing;

4                                    or

5                                    (BB) any other remote  
6                    business telecommunications  
7                    method that allows each  
8                    participating member to si-  
9                    multaneously hear each  
10                   other participating member  
11                   during the meeting.

12                                    (bb) PRESENCE.—A member  
13                   of the Board who participates in  
14                   a meeting remotely under item  
15                   (aa) shall be considered to be  
16                   present at the meeting.

17                                    (iv) QUORUM.—A majority of the  
18                   members of the Board shall constitute a  
19                   quorum, but a lesser number of members  
20                   may hold a meeting.

21                                    (v) CHAIRPERSON AND VICE CHAIR-  
22                   PERSON.—The Board shall select a Chair-  
23                   person and Vice Chairperson from among  
24                   the members of the Board.

1 (vi) ADMINISTRATIVE COST REDUC-  
2 TION.—The Board shall, to the maximum  
3 extent practicable, minimize the adminis-  
4 trative costs of the Board, including by en-  
5 couraging the remote participation de-  
6 scribed in clause (iii)(II)(aa) to reduce  
7 travel costs.

8 (B) AGREEMENTS WITH NATIONAL FISH  
9 AND WILDLIFE FOUNDATION.—Any agreement  
10 entered into under paragraph (2)(D)(i),  
11 (3)(D)(i), (4)(D)(i), (5)(D)(i), or (6)(D)(i) shall  
12 comply with the following requirements:

13 (i) DUTIES.—An agreement shall pro-  
14 vide that the National Fish and Wildlife  
15 Foundation shall—

16 (I) advertise the prize competi-  
17 tion;

18 (II) solicit prize competition par-  
19 ticipants;

20 (III) administer funds relating to  
21 the prize competition;

22 (IV) receive Federal funds—

23 (aa) to administer the prize  
24 competition; and

25 (bb) to award a cash prize;

- 1 (V) carry out activities to gen-  
2 erate contributions of non-Federal  
3 funds to offset, in whole or in part—  
4 (aa) the administrative costs  
5 of the prize competition; and  
6 (bb) the costs of a cash  
7 prize;
- 8 (VI) in consultation with, and  
9 subject to final approval by, the Sec-  
10 retary, develop criteria for the selec-  
11 tion of prize competition winners;
- 12 (VII) provide advice and con-  
13 sultation to the Secretary on the se-  
14 lection of judges under paragraphs  
15 (2)(E), (3)(E), (4)(E), (5)(E), and  
16 (6)(E) based on criteria developed in  
17 consultation with, and subject to the  
18 final approval of, the Secretary;
- 19 (VIII) announce 1 or more an-  
20 nual winners of the prize competition;
- 21 (IX) subject to clause (ii), award  
22 1 cash prize annually; and
- 23 (X) protect against unauthorized  
24 use or disclosure by the National Fish  
25 and Wildlife Foundation of any trade

1                   secret or confidential business infor-  
2                   mation of a prize competition partici-  
3                   pant.

4                   (ii) ADDITIONAL CASH PRIZES.—An  
5                   agreement shall provide that the National  
6                   Fish and Wildlife Foundation may award  
7                   more than 1 cash prize annually if the ini-  
8                   tial cash prize referred to in clause (i)(IX)  
9                   and any additional cash prize are awarded  
10                  using only non-Federal funds.

11                  (iii) SOLICITATION OF FUNDS.—An  
12                  agreement shall provide that the National  
13                  Fish and Wildlife Foundation—

14                         (I) may request and accept Fed-  
15                         eral funds and non-Federal funds for  
16                         a cash prize;

17                         (II) may accept a contribution  
18                         for a cash prize in exchange for the  
19                         right to name the prize; and

20                         (III) shall not give special consid-  
21                         eration to any Federal agency or non-  
22                         Federal entity in exchange for a dona-  
23                         tion for a cash prize awarded under  
24                         this subsection.

25                         (C) AWARD AMOUNTS.—

1                   (i) IN GENERAL.—The amount of the  
2                   initial cash prize referred to in subpara-  
3                   graph (B)(i)(IX) shall be \$100,000.

4                   (ii) ADDITIONAL CASH PRIZES.—On  
5                   notification by the National Fish and Wild-  
6                   life Foundation that non-Federal funds are  
7                   available for an additional cash prize, the  
8                   Secretary shall determine the amount of  
9                   the additional cash prize.